

In the typical form the wing is generally between 460 and 515 mm., once 450. The culmen is 47 to 54 mm.

Distribution. Ceylon only. There is no material available to show whether birds in South Travancore are of this small race or of the larger northern form.

Type in the British Museum: ♂, Trincomalee, Ceylon, 15th June, 1875. Collected by Col. W. V. Legge. Reg. No. 1878. 10.4.86.

Material examined. Typical form 22. Ceylon form 7 specimens.

Mr. BAKER also renamed the Vulture *Gyps indicus tenuirostris*:—

The name *tenuirostris* of Hume (Str. Feath. vii. p. 326, 1878) is unavailable, as Gray in 1869 in his 'Hand-List' gives this name and *tenuiceps* as synonyms of *G. indicus*.

Hodgson's name *tenuiceps* is a *nomen nudum*, and Gray again gives it as a *nomen nudum* in 1846. Neither *tenuirostris* nor *tenuiceps* were therefore available for use by Hume in 1878.

On account of its extremely bald head and neck, I name it *Gyps indicus nudiceps*, nom. nov.

NEW BIRDS FROM INDO-CHINA.

M. J. DELACOUR sent the description of forty new forms of birds discovered and collected by M. P. Jabouille, Mr. W. P. Lowe, and himself during their third Expedition to French Indo-China in 1926-1927:—

Phasianus colchicus takatsukasæ, subsp. nov.

Allied to *P. c. torquatus* Gm., from S.E. China and N.E. Tonkin, but generally darker, especially the yellow colour of the flanks and upper back, which is richer and deeper; the chestnut of the scapulars and greater wing-coverts is also of a much darker shade, more maroon. The lower back is browner and darker and the purplish-lilac fringe of the rectrices is much deeper. The white eyebrow is present in all our specimens.

The female is altogether darker than *P. c. torquatus* with coarser markings.

♂. Iris orange-yellow ; bill greenish-white ; legs and feet light grey.

♀. Iris brown ; bill and legs horny-grey.

Measurements : ♂. Wing 243 mm. ♀. Wing 210 mm.

Types in the Paris Museum. ♂ & ♀. Langson, Eastern Tonkin, Jan. 12 and 17, 1927. Nos. 2599 and 2660.

Material examined. Nine examples.

NOTE.—Named in honour of Prince N. Takatsukasa.

Ring-necked Pheasants, obtained in N.E. Tonkin (Nganson), differ from Langson specimens, and can be referred to *P. c. torquatus*, but are a slightly darker yellow on the upper back than in most Chinese specimens.

***Tropicoperdix charltoni tonkinensis*, subsp. nov.**

Differs considerably from *T. charltoni charltoni* (Eyton), from Siam and the Malay States, in having the ear-coverts mingled grey and chestnut instead of plain russet-chestnut, a smaller chestnut area on the breast, not extending to the sides of the neck, no black collar on the throat and no black stripes on the sides of the neck. The upper parts and flanks are more blotched with black, and the spotted plumage of the lower breast reaches lower and runs into the buffish-yellow of the abdomen. Iris brown ; eyelids grey with red border ; bill greenish-yellow with red base ; legs and feet greenish-yellow, nails yellow.

Measurements : ♂. Wing 157 mm. ; tail 80 ; tarsus 40 ; culmen 20.

Types in the Paris Museum. Backan (N.E. Tonkin), Jan. 3, 1927. No. 2343.

Material examined. Eighteen specimens.

***Sphenurus sieboldi murielæ*, subsp. nov.**

Differs from other *S. sieboldi* (Temm.) in its much smaller size, paler and less yellow head, throat, and breast, and in having a very distinct orange tinge on the upper breast. The whole colour is greyer and less yellowish. The female is very similar to that of *S. sieboldi sieboldi*, but decidedly smaller and slightly less yellow on the forehead, throat, and breast.

Iris: inner ring blue, outer ring pink; bill blue with horny tip; legs and feet dark crimson.

Measurements: ♂. Wing 175 mm.; tail 123; tarsus 22; culmen 20. ♀. Wing 180 mm.; tail 124; tarsus 20; culmen 18.

Types in the British Museum. ♂. Hanoi, Central Tonkin, Jan. 17, 1927. No. 2823. ♀. Tam Dao, Central Tonkin, Nov. 30, 1926. No. 1398. Registered No. 1927. 6. 5. 1 & 2.

Material examined. Three examples.

NOTE.—Named in honour of Mrs. Alfred Ezra.

***Megalæma lagrandieri rothschildi*, subsp. nov.**

Differs from Cochin-Chinese and Annamese specimens in having the frontal plumes and bristles crimson (with obsolete grey basis) instead of yellow and crimson, and the general colour slightly darker.

Iris brown; bill greenish-grey with dark culmen; legs and feet dusky green.

Measurements: ♂. Wing 138 mm.; tail 109; tarsus 30; culmen 42.

Type in the ~~British~~ Museum. ♂. Backan, N.E. Tonkin, PARIS Dec. 24, 1926. No. 2136. (cf. *Bull. B. O. C.* xlviii. p. 136.)

Material examined. Fifteen examples.

NOTE.—Named in honour of Lord Rothschild.

***Cyanops franklini tonkinensis*, subsp. nov.**

Resembles *C. f. franklini* (Blyth), but distinguishable by the blue, not so yellowish, general colour and the much reduced black stripes on the sides of the head.

Iris brown; bill black with grey gape and base of maxilla; legs and feet greenish-grey.

Measurements: ♂. Wing 101 mm.; tail 70; tarsus 24; culmen 24.

Type in the Paris Museum. ♂. Tam Dao, Central Tonkin, Nov. 11, 1926. No. 1220.

Material examined. Nineteen specimens.

NOTE.—Specimens from Laos and Annam belong to a widely different form, *C. f. auricularis* Rob. & Kloss.

Thereiceryx faiostrictus pallidus, subsp. nov.

Birds from Tonkin differ from those from Annam and Cochin China by the slightly larger size, the paler yellowish-green colour, and in having the head-feathers with broader light grey margins.

Iris hazel-brown; bill horny-grey with black culmen; legs and feet greenish-grey.

Measurements: ♂. Wing 120 mm.; tail 82; tarsus 24; culmen 28.

Type in the Paris Museum. ♂. Backan, N.E. Tonkin, Dec. 7, 1926. No. 1603.

Material examined. Twenty-three specimens.

Gecinulus grantia indochinensis, subsp. nov. ✓

Intermediate between *G. g. grantia* (McClell.) from the Himalayas and *G. g. viridanus* Slater from S. China, but nearer to the latter, from which it differs in the more chestnut mantle and redder wings. From *G. g. grantia* it is distinguished by the larger size and less bright colour.

Iris red; eyelids green; bill greenish-white; legs and feet greenish-grey.

Measurements: ♂. Wing 130 mm; tail 110; tarsus 21; culmen 23.

Type in the British Museum. ♂. Backan, N.E. Tonkin, Dec. 12, 1926. No. 1616. Registered No. 1927. 6. 5. 3.

Material examined. Seven specimens.

NOTE.—Specimens from S. Annam are identical with the Tonkinese series.

Blythipicus pyrrhotis intermedius, subsp. nov. ✓

Larger and not so dark as *B. p. annamensis* Kinnear from S. Annam, but with broader and less distant dark bars on the wings. Very much darker than *B. p. sinensis* (Rickett).

Iris reddish-brown; bill light yellow; legs and feet dark greenish-grey.

Measurements: ♂. Wing 147 mm.; tail 121; tarsus 24; culmen 46.

Type in the British Museum. ♂. Backan, N.E. Tonkin, Dec. ~~12~~, 1926. No. 1662. Registered No. 1927.6.5.4. 9/

Material examined. Thirteen examples.

***Anthocichla phayrei obscura*, subsp. nov.** ✓

Much darker than *A. p. phayrei* Blyth from Burma and Siam, with dark blackish nape.

Iris brown; bill black; legs and feet horny flesh-colour.

Measurements: ♀. Wing 106 mm; tail 63; tarsus 29; culmen 22.

Type in the British Museum. ♀. Lakes Babé, N.E. Tonkin, Dec. ~~12~~, 1926. No. 2053. Registered No. 1927.6.5.5. 20

Material examined. Three female specimens.

NOTE.—The male is unknown. A single specimen from Laos agrees with the Tonkin birds.

***Pitta douglasi tonkinensis*, subsp. nov.** ✓

Birds from Tonkin are similar to those from Hainan, but very much larger. Like all Pittas of the *nepalensis* group, there is much individual variation.

Iris brown; bill brown; culmen black; legs and feet horny flesh-colour.

Measurements: ♂. Wing 125 mm; tail 66; tarsus 54; culmen 26.

Type in the British Museum. ♂. Backan, N.E. Tonkin, Dec. 23, 1926. No. 2083. Registered No. 1927.6.5.6.

Material examined. Sixteen specimens.

NOTE.—In my report of our 1925–1926 Expedition (Recherches Orn. dans les Provinces du Tranninh, de Thua-Thien et de Kontoum, p. 84) I proposed to consider all the Pittas of the old subgenus *Hydrornis* as subspecies of *P. nipalensis*. The fact that during the present expedition we obtained many specimens of two distinct forms, *P. d. tonkinensis* and *P. n. nipalensis*, in the same localities and at the same time, and that in the winter months and in what seems to be the northernmost territory of the birds, obliges me to change my opinion on the classification of these Pittas.

I now consider that there are four species and two subspecies, as follows:—

Pitta nipalensis nipalensis (Hodgs.).

P. n. soror Wardl. Rams.

P. douglasi douglasi O.-Grant.

P. douglasi tonkinensis Delacour.

P. oatesi (Hume).

P. schneideri Hartert.

***Rhipidura albicollis cinerascens*, subsp. nov.**

Differs from the typical form and from *R. a. atrata* Salv. in its general colour being of a less blackish-grey and in having the chin spotted with white.

Iris dark brown; bill, legs, and feet black.

Measurements: ♂. Wing 75 mm.; tail 105; tarsus 15; culmen 9.

Type in the Paris Museum. ♂. Djiring, S. Annam, March 17, 1927. No. 3970.

Material examined. Ten examples.

***Pericrocotus brevirostris tonkinensis*, subsp. nov.**

Near to *P. b. affinis* McClell. from Assam and N. Burma, but differs in the smaller size and deeper crimson-carmine colour without any yellow tinge. Females are lighter in colour, especially on rump and throat, and have a greener mantle.

Iris dark brown; bill, legs, and feet black.

Measurements: ♂. Wing 88 mm.; tail 95; tarsus 12; culmen 9.

Type in the British Museum. ♂ & ♀. Backan, N.E. Tonkin, Dec. 31 and Dec. 23, 1926. Nos. 2298 and 2108. Registered No. 1927.6.5.7 & 8.

Material examined. Eight specimens.

***Pycnonotus hainanus indochinensis*, subsp. nov.**

Continental specimens from Tonkin and Annam differ from Hainan birds in the much narrower dark brown patch on the nape and the greyer, less yellowish, underparts.

Iris brown ; bill, legs, and feet black.

Measurements : ♂ . Wing 85 mm. ; tail 81 ; tarsus 20 ; culmen 13.

Type in the Paris Museum. ♂ . Langson, E. Tonkin, Jan. 14, 1927. No. 2625.

Material examined. Twenty specimens.

***Pycnonotus sinensis meridionalis*, subsp. nov.**

Resembles in size *P. s. stresemanni* La Touche, but differs in having a smaller white patch on the hind part of the crown and a narrower dark brown one on the nape. The underparts are greyer, less yellowish, and the olive-yellow border on the wing-feathers narrower.

Iris brown ; bill, legs, and feet black.

Measurements : ♂ . Wing 87 mm. ; tail 83 ; tarsus 21 ; culmen 13.

Type in the Paris Museum. ♂ . Langson, E. Tonkin, Jan. 12, 1927. No. 2582.

Material examined. Nine examples.

***Dryonastes perspicillatus annamensis*, subsp. nov.**

Differs from *D. p. perspicillatus* (Gm.) from China and Tonkin in having less black on the forehead and eyebrows, the black colour being less deep. The crown is lighter and more yellowish, and the whole plumage is paler and slightly grey.

Iris reddish-brown ; bill black ; legs and feet brown.

Measurements : ♀ . Wing 126 mm. ; tail 152 ; tarsus 40 ; culmen 22.

Type in the Paris Museum. ♀ . Huê, C. Annam, April 9, 1926. No. 36.

Material examined. Ten specimens.

***Garrulax pectoralis robini*, subsp. nov.**

Resembles *G. p. picticollis* Swinh. from China, but smaller. The upper parts are of a more olive and darker brown colour, with a much narrower or less bright rufous collar on the hind-neck.

Iris brown ; bill black with base of maxilla grey ; legs and feet grey.

Measurements: ♂. Wing 130 mm. ; tail 142 ; tarsus 44 ; culmen 24.

Type in the British Museum. ♂. Tam Dao, C. Tonkin, Dec. 2, 1926. No. 1473. Registered No. 1927. 6. 5. 9.

Material examined. Six specimens.

NOTE.—Named in honour of M. R. Robin, Resident Supérieur of Tonkin. Birds collected in Laos (Tranninh) in 1925–1926 belong to the present race.

• *Garrulax moniliger tonkinensis*, subsp. nov. ✓

Near to *G. m. melli* Stresemann from S.E. China, but of a darker and less ochraceous-brown above and with flanks of a deeper reddish-orange.

Iris yellow ; bill black with light edges ; legs and feet grey.

Measurements: ♂. Wing 120 mm. ; tail 133 ; tarsus 43 ; culmen 23.

Type in the British Museum. ♂. Backan, N.E. Tonkin, Dec. 12, 1926. No. 1835. Registered No. 1927. 6. 5. 10.

Material examined. Ten specimens.

• *Trochalopteron milnei indochinensis*, subsp. nov. ✓

Resembles *T. m. sharpei* Rippon in the grey ear-coverts, but differs in the breast-feathers being olive-brown edged with grey, giving a very particular brown-spotted appearance. The whole plumage is browner, less olive, and the crimson colour on the wing and tail is deeper.

Iris brown ; bill, feet, and legs black.

Measurements: ♂. Wing 109 mm. ; tail 117 ; tarsus 34 ; culmen 19.

Type in the British Museum. ♂. Tam Dao, Central Tonkin, Dec. 5, 1926. No. 1569. Registered No. 1927. 6. 5. 11.

Material examined. Ten specimens.

• *Pomatorhinus ruficollis saturatus*, subsp. nov. ✕

Nearer to *P. r. reconditus* Bangs & Philip from Yunnan, but darker above, with the sides of the neck and nuchal half-collar of a much deeper chestnut; chestnut spots on the breast redder and deeper. Size decidedly smaller.

Iris reddish-brown; bill pale yellow, culmen black; legs and feet grey.

Measurements: ♂. Wing 73 mm.; tail 70; tarsus 28; culmen 17.

Type in the British Museum. ♂. Tam Dao, C. Tonkin, Nov. 26, 1926. No. 1285. Registered No. 1927.6.5.12.

Material examined. Sixteen specimens.

• *Pomatorhinus ferruginosus orientalis*, subsp. nov. ✕

Resembles *P. f. mariae* Wald., but is smaller and darker brown above; the feathers of the crown have a narrow dark border, giving a slightly scaly aspect; underparts whiter.

Iris yellow; bill red; legs and feet green.

Measurements: ♂. Wing 92 mm.; tail 113; tarsus 32; culmen 26.

Type in the British Museum. ♂. Tam Dao, Central Tonkin, Dec. 2, 1926. No. 1485. Registered No. 1927.6.5.23.

Material examined. Three specimens.

• *Pomatorhinus tickelli tonkinensis*, subsp. nov. ✕

Very close to our *P. t. laotianus*, but with a shorter bill and the colour less greyish, more reddish-brown. The chestnut of the supercilium and sides of the neck is richer, with darker buff spots; the ear-coverts are rufous-buff, instead of brownish-grey. Feathers of the sides of the breast and flanks lighter grey with wider white stripe.

Iris brown; bill grey, darker above; feet and legs horny-grey.

Measurements: ♂. Wing 104 mm.; tail 110; tarsus 40; culmen 38.

Type in the British Museum. ♂. Lakes Bahé, N.E. Tonkin, Dec. 20, 1926. No. 2071. Registered No. 1927.6.5.13.

Material examined. Seven specimens.

• *Pomatorhinus tickelli friesi*, subsp. nov. ✓

Differs from *P. t. laotianus* and *P. t. tonkinensis* in its smaller size and shorter bill. The upper plumage is of a brighter chestnut-brown above, the flanks and breast-feathers paler with a broader central white streak. The chestnut patches on the sides of the neck much reduced and partly replaced by greyish-brown spotted with white instead of buff.

Iris brown ; bill, legs, and feet grey.

Measurements : ♀ . Wing 100 mm. ; tail 105 ; tarsus 34 ; culmen 31.

Type in the British Museum. ♀ . Thua-Luu, C. Annam, Feb. 13, 1927. No. 3153. Registered No. 1927. 6. 5. 14.

Material examined. Four specimens.

NOTE.—Named in honor of M. C. Fries, Résident Supérieur in Annam.

Jabouilleia, gen nov.

Intermediate between the *Pomatorhinus* of the *tickelli* group and *Rimator*. Differs from the first-mentioned genus in having the tail shorter than the wing and a very different bill, not so long, more compressed, with a higher ridge ; nostrils are open and oval.

From *Rimator*, in which it was previously placed, the new genus differs in the much larger size, less Wren-like, with a longer tail, stronger and coarser bill and legs. Culmen ridge higher.

Type : *Rimator danjoui* Rob. & Kloss. ('Ibis,' 1919, p. 578. no. 133).

NOTE.—Named in honor of my friend and associate-ornithologist, M. P. Jabouille.

• *Jabouilleia danjoui parvirostris*, subsp. nov. ✓

Differs from *J. d. danjoui* (Rob. & Kloss.) from S. Annam in being smaller and with a shorter bill. The rufous patches on the sides of the neck purer and larger, the throat and upper breast pure white and centre of breast white with some

dark brown and chestnut spots ; the centre of abdomen is white, faintly washed with brown.

Iris brown ; bill horny-grey ; legs and feet fleshy-brown.

Measurements : ♂. Wing 72 mm. ; tail 61 ; tarsus 26 ; culmen 22.

Type in the British Museum. ♂. Bana, C. Annam, Aug. 14, 1926. No. 725. Registered No. 1927.6.5.15.

Material examined. Two specimens.

• *Drymocataphus pusillus*, sp. nov.

Upper parts brown, the feathers of the crown with faint dark edgings, the rump and upper tail-coverts brighter. Feathers round the eyes, cheeks, and ear-coverts grey, mottled with brown ; throat pale rufous, each feather terminated with blackish, producing a speckled appearance ; rest of underparts olive-rufous.

Iris brown ; bill horny-grey ; legs and feet brown.

Measurements : ♂. Wing 56 mm. ; tail 55 ; tarsus 20 ; culmen 11.

Type in the ~~Paris~~ Museum. ♂. Tam Dao, C. Tonkin, BRITISH /
Dec. 12, 1926. No. 1475.

Bull. B. O. C. xlviii. p. 136.

Material examined. A single example.

NOTE.—This very distinct bird is certainly rare and difficult to obtain, as it lives on high mountains among the dense undergrowth. For that reason I venture to name it, although reluctantly, as one specimen only, in poor condition, is available.

• *Corythocichla brevicaudata obscura*, subsp. nov. ✓

A very dark race, nearer to *C. b. leucosticta* Sharpe from the Malay States, but still darker and of a more olive-brown. Wing-spots white.

Iris reddish-brown ; bill blackish above, grey below ; legs and feet dark brown.

Measurements : ♂. Wing 70 mm. ; tail 54 ; tarsus 27 ; culmen 16.

Type in the British Museum. ♂. Tam Dao, C. Tonkin, Dec. 2, 1926. No. 1495. Registered No. 1927. 6. 5. 16.

Material examined. Ten specimens.

Corythocichla brevicaudata rufiventer, subsp. nov. 0

Nearer to *C. b. venningi* (Harington) from the Shan States, but the feathers on the upper parts with broader dark edgings, and the breast, abdomen, and under tail-coverts of a much richer and more reddish-fulvous. Wing-spots buff.

Iris reddish-brown; bill blackish above, grey below; feet and legs fleshy-brown.

Measurements: ♂. Wing 56 mm.; tail 45; tarsus 23; culmen 14.

Type in the British Museum. ♂. Djiring, S. Annam, March 12, 1927. No. 3756. Registered No. 1927. 6. 5. 17.

Material examined. Two specimens.

Actinodura ramsayi kinneari, subsp. nov. 0

Resembles *A. r. minor* Kinnear from Western Tonkin, but differs in having the upper parts of a slightly more ochraceous brown; crown of a lighter brown, less chestnut on the forehead; wings with a much more reddish tinge, especially on primaries; deeper black cross-bars, all the different markings being more distinct. Primary coverts and bastard-wing almost pure black. Underparts lighter and of a more buffish-brown.

Iris brown; bill, feet, and legs grey.

Measurements: ♂. Wing 88 mm.; tail 119; tarsus 29; culmen 14.

Type in the British Museum. ♂. Tam Dao, Tonkin, Jan. 12, 1926. No. 1464. Registered No. 1927. 6. 5. 18.

Material examined. Six specimens.

Pterythius ænobarbus laotianus, subsp. nov.

Stands between *P. æ. annamensis* and *P. æ. intermedius* (Hume) from Burma, and differs from the latter in having

a smaller bill, less yellow on the forehead, and much less brown on the breast, although it has much more of it than *P. æ. annamensis*.

Iris brown; bill grey; legs and feet horny flesh-colour.

Measurements: ♂. Wing 61 mm.; tail 43; tarsus 18; culmen 7.

Type in the Paris Museum. ♂. Xieng-Khowang, Laos, Jan. 7, 1926. No. H. 1616.

Material examined. Four specimens.

NOTE.—These birds were obtained during our 1925–1926 Expedition, and put down on our report as *P. æ. intermedius* (Hume).

***Pterythius ænobarbus indochinensis*, subsp. nov.**

Very near the typical bird, but with darker chestnut-brown on the forehead and throat, extending a little farther on the upper breast. Front of the crown more yellow; half-circle in front of the eye blacker.

Iris brown; bill bluish-grey, tip and culmen black; legs and feet flesh-colour.

Measurements: ♂. Wing 61 mm.; tail 42; tarsus 18; culmen 9.

Type in the Paris Museum. ♂. Djiring, S. Annam, March 12, 1927. No. 3757.

Material examined. Two specimens.

***Cissopica*, gen. nov.**

Differs from *Urocissa* in having a much coarser and more powerful bill and legs, and a shorter tail, never exceeding the wings by more than 30 mm. General plumage grey, black and pale yellow, never blue.

Young birds retain for a long time their distinct juvenile plumage, a very peculiar fact amongst the Corvidæ.

Type: *Urocissa whiteheadi* O.-Grant.

NOTE.—I chose the name of this new genus to show the affinity of these birds to the *Cissa*, which they exactly resemble in their actions and voice. The only difference in

their habits is that they fly about the trees and bamboos, and across the narrow valleys in larger flocks, often of 20 or 25 individuals.

They also remind one of the true Magpies with their pied plumage, especially on the wing.

Cissopica whiteheadi xanthomelana, subsp. nov. ✓

Rictal bristles mixed black and grey. Forehead and crown black, with narrow brownish edgings to the feathers, giving a very slightly scaly appearance. Mantle black, passing to yellowish on the rump, the feathers of which have yellowish-white tips. Upper tail-coverts dark grey, with broad pale yellow tips and whitish bases. Rectrices yellowish-grey at their base and on one-third of their inner web, then black, with pale yellow tips, increasing on outer feather so that the outermost are yellow on more than half of the length. Primaries black, with grey margins on the base and a small white terminal spot, the outer grey margin obsolete on some specimens; secondaries black, with yellowish-white margins extending to the end of the terminal one-third of the outer web; greater wing-coverts black, with broad pale yellow tips; primary coverts black; lesser wing-coverts, under wing-coverts, and axillaries pale yellow. Chin, throat, and breast black, slightly suffused with yellow, passing to yellowish-grey on the flanks and lower breast, and to pale yellow on the abdomen and under tail-coverts.

Female similar to male.

This bird differs from *C. w. whiteheadi* in its larger size, coarser and larger feet and beak, and in the colour of the rectrices, which are grey with a subterminal black patch in the Hainan bird. Also less grey on the outer webs of primaries.

Iris pale greenish-yellow; bare skin behind the eye brownish-green; beak orange, with a greenish base to the maxilla; legs and feet black, with some orange at the joints; nails brown.

Measurements: ♂. Wing 224 mm.; tail 243; tarsus 52; culmen 42.

Type in the British Museum. ♂. Backan, N.E. Tonkin, Dec. 25, 1926. No. 2150. Registered No. 1927.6.5.19.

Juvenile plumage. Head, nape, sides of neck, and back dark grey, with light yellowish-grey edgings to the feathers; mantle darker grey; rump light yellowish-grey; tail as in the adults, also the wings, with the exception of the primaries and six first secondaries which have grey outer webs, and the primary coverts are also grey. Chin, throat, and breast yellowish-grey, passing to pale yellow on the abdomen.

Older birds have a darker and almost black mantle.

Iris yellowish-brown; beak brownish-grey, with a small reddish-orange tip and greenish base, rather variable and sometimes entirely grey; feet and legs black.

Material examined. Twenty-two specimens.

NOTE.—Birds in juvenile plumage being generally more numerous in the flocks than fully adult ones, I believe that they remain a long time in immature dress. The adult birds had not bred for several months, and the sexual organs of the young birds were well developed.

***Dendrocitta formosæ intermedia*, subsp. nov.**

Intermediate between *D. f. himalayensis* Sharpe from the Himalayas and N. Laos and *D. f. sinica* Stresemann from the lower parts of N.E. Tonkin, S. China, but more like the latter, from which it differs in having a longer tail and the basal half about the central rectrices being grey on the outer web.

Iris reddish-brown; bill, legs, and feet black.

Measurements: ♂. Wing 138 mm.; tail 175; tarsus 29; culmen 27.

Type in the Paris Museum. ♂. Tam-Dao, Central Tonkin, Nov. 30, 1926. No. 1410.

Material examined. Six specimens.

***Dendrocitta frontalis kurodæ*, subsp. nov.**

Differs from *D. f. frontalis* in being altogether darker, the rufous and grey parts of the plumage much duller.

Iris reddish-brown; bill, legs, and feet black.

Measurements : ♂. Wing 138 mm. ; tail 224 ; tarsus 29 ; culmen 22.

Type in the Paris Museum. ♂. Backan, N.E. Tonkin, Dec. 28, 1926. No. 2212.

Material examined. Eight specimens.

NOTE.—Named in honour of Dr. N. Kuroda, of Tokyo.

***Parus minor indochinensis*, subsp. nov.**

Resembles *P. m. commixtus* Swinh. from S. China, but much smaller.

Iris dark brown ; bill black ; legs and feet bluish-grey.

Measurements : ♂. Wing 62 mm. ; tail 56 ; tarsus 15 ; culmen 8.

Type in the Paris Museum. ♂. Backan, N.E. Tonkin, Jan. 3, 1927. No. 2349.

Material examined. Eleven specimens.

NOTE.—Birds from Xieng-Khusang, Laos, reported as *P. major thibetanus*, can be referred to the present race, though slightly larger.

***Parus monticolus legendrei*, subsp. nov.**

Differs from all other races in having a much duller and lighter yellow on the underpart, a broader black line on breast and abdomen, and a duller and greyer-green mantle.

Iris dark brown ; bill black ; legs and feet bluish-grey.

Measurements : ♂. Wing 65 mm. ; tail 16 ; tarsus 16 ; culmen 9.

Type in the Paris Museum. ♂. Djiring, S. Annam, March 3, 1927. No. 3604.

Material examined. Ten examples.

NOTE.—Named in honour of M. Marcel Legendre.

***Psittiparus ruficeps magnirostris*, subsp. nov.**

Near to *P. r. bakeri* Hartert from Burma, but differs in having a larger and thicker bill, darker brown upper parts, richer and more reddish-rufous head and neck.

Iris reddish-brown ; bill, legs, and feet bluish-grey.

Measurements : ♂. Wing 90 mm. ; tail 90 ; tarsus 21 ; culmen 14.

Type in the Paris Museum. ♂. Tam-Dao, C. Tonkin, Dec. 1, 1926. No. 1426.

Material examined. Six specimens.

***Psittiparus margaritæ*, sp. nov.**

Forehead, crown, and nape deep black. Lores, feathers round the eyes and sides of the neck mottled white and dark grey; ear-coverts similar, but darker; pileous feathers round the bill and chin black; throat white, with a few black spots on the middle forming faint streaks. Underparts slightly yellowish-white. Upper parts light brown, with blackish inner webs to the primaries and a slightly greyer tail with faint whitish tips to the rectrices.

Iris brown; bill reddish-orange; legs and feet green.

Measurements: ♂. Wing 87 mm.; tail 83; tarsus 26; culmen 14.

Type in the Paris Museum. ♂. Djiring, S. Annam, March 3, 1926. No. 3356.

Material examined. Three specimens.

NOTE.—Named in honour of my mother. The occurrence of a Crow-Tit at as low a latitude as 11° is a remarkable circumstance. This distinct species is nearest to *P. gularis*.

***Suthora davidiana tonkinensis*, subsp. nov.**

Resembles *S. d. thompsoni* (Bingham) from the Shan States, but differs in having pale grey shafts to the feathers of the lower throat, producing a squamated appearance; also the colour of the throat is not sharply defined from that of the breast, but blends into the grey of the underparts, which is purer; tail-feathers dark brown, edged with chestnut on inner webs and reddish on outer webs.

Iris reddish-brown; bill white; legs and feet fleshy-grey.

Measurements: ♂. Wing 50 mm.; tail 39; tarsus 16; culmen 11.

Type in the Paris Museum. ♂. Backan, N.E. Tonkin, Dec. 12, 1926. No. 1701.

Material examined. Only one specimen.

Oriolus traillii robinsoni, subsp. nov. ✓

The *adult male* differs from *O. t. traillii* (Vig.) from India, Burma, N. Laos, and Tonkin in its slightly smaller size, shorter and thicker bill, and in its lighter and more crimson maroon colour.

The *adult female* is quite different to that of *O. t. traillii*. The head, neck, wings, and thighs are black; the back blackish-brown suffused with crimson, passing to crimson on the rump and upper tail-coverts; tail-feathers crimson-maroon with black shafts, the central ones with a broad blackish margin, the others with a dark border on the outer web only. Underparts crimson-maroon like those of the male, but the maroon is merely a broad fringe; the whole of the hidden part of the feathers is grey instead of white, with the exception of a small white base, and produces a rather dark and slightly scaly aspect.

The *young male* has the crown, hind part, and sides of the neck black; upper parts blackish-brown, passing to dark crimson-maroon on the rump and tail-coverts. Tail-feathers light pinkish-maroon with an outer brown margin, the central rectrices almost entirely pinkish-brown. The whole of the underparts streaked light pinkish-buff and dark brown, the abdomen with larger and whiter markings.

The *young female* is similar, with coarser and whiter markings underneath.

A *nestling*, just out of the nest, has the whole head and neck smoky-black; the upper parts blackish, with chestnut-brown margins to the feathers broader on the rump and passing to pinkish-chestnut on the tail-coverts; tail light crimson and brown. Underparts streaked brown and pinkish-buff, with white marking on the abdomen. Iris grey.

Iris yellow; bill, legs, and feet bluish-grey.

Measurements: ♂. Wing 142 mm.; tail 102; tarsus 22; culmen 25.

♀. Wing 142 mm.; tail 102; tarsus 23; culmen 26.

Types in the British Museum. ♂ ♀. Djiring, S. Annam, March 1 and 5, 1927. Nos. 3349 and 3522. Registered No. 1927. 6. 5. 20 & 21.

Material examined. Thirty-one specimens.

NOTE.—In N.E. Tonkin we found together typical *O. t. traillii* and a light crimson bird with a shorter and thicker bill; careful comparison has shown that the latter is identical with *O. ardens* Swinh. from Formosa and *O. nigellicauda* Swinh. from Hainan. We therefore consider that there is only one form of the Crimson Oriole, *O. ardens*, inhabiting Formosa, Hainan, and Tonkin.

Dr. Stresemann's *Oriolus mellianus* is quite a distinct bird, with a grey back. When more material than the single female is available, it will be possible to decide whether it is a subspecies of *O. ardens* or of *O. traillii*.

Arborophila davidi, sp. nov. ✓

A very distinct species, not nearly allied to any Indo-Chinese form.

Forehead to the eyes dirty greyish, hinder crown barred with black and dull rufous; occiput and nape black. From behind the eye a broad grey stripe becoming rust-red on sides of neck; a broad black stripe from the jaw-gape running round the throat over the ear-coverts; chin white, throat rust-red; upper chest dull brown, washed with ferruginous; upper breast grey, with large heart-shaped black spots on each feather, bordered basally with buffy-white; belly greyish-white; under tail-coverts black with broad greyish-white tips and a narrow buffy subbasal bar. Flank-feathers greyish at the base, with very broad glossy black bars and tips and a much narrower subterminal white bar.

Upper surface much as in *A. brunneipectus*.

Iris brown; bill black, the base of the mandible and the skin of the face and throat red; feet and claws "rose."

Wing 134 mm.; tail 49; tarsus 30; bill from gape 21.

Type in the British Museum. Sex uncertain. Phurieng, 38 miles east of Saigon, Cochin China, altitude 800 feet. Collected on 1st February, 1927, by Mons. André David, in whose honour the species is named. Reg. No. 1927. 6. 5. 24.

This handsome Tree-Partridge is not closely allied to any known form. It is perhaps nearest to *A. rubrirostris* (Salvad.) from Sumatra, but that species has the head black, the throat black and white, and with no ferruginous markings anywhere.

Picus chlorolophus harmandi, subsp. nov. ✓

Differs from *P. c. burmæ* Meinertzhagen (*P. c. chlorolophoides* Gyldenstolpe) in its pale lemon crest, devoid of any tinge of orange or chrome. Darker above than any of the other races, except *P. c. rodgeri* (Hartert & Butler) from the mountains of the Malay Peninsula and *P. c. vanheysti* from Sumatra.

Iris red; bill plumbeous, bright yellow at base; legs and feet greyish-green.

Measurements: Wing 138 mm.; tail 100; bill from gape 29.

Type in ~~Paris~~ Museum. ♀ adult. Collected at Phurieng, North Cochin China, on March 30th, 1927, by Messrs. J. Delacour and Jabouille. No. 4289.

There is also an adult male from the Hargitt Collection in the British Museum, collected in Cochin China by Harmand. Registered No. 98.3.10.368.

BRITISH
(Bull. B.O.C.
XLVIII. p. 136)

NOTICES.

The next Meeting of the Club will be held on Wednesday, October 12th, 1927, at PAGANI'S RESTAURANT, 42-48 Great Portland Street, W. 1. The Dinner at 7 p.m.

Members intending to dine are requested to inform the Hon. Secretary, Dr. G. Carmichael Low, 86 Brook Street, Grosvenor Square, W. 1.

ANNUAL GENERAL MEETING.

This will also be held at PAGANI'S RESTAURANT on Wednesday, October 12th, 1927, at 5.45 p.m. An Agenda and Balance Sheet will be issued in September.

Members who intend to make any communication at the next Meeting of the Club are requested to give notice beforehand to the Editor, Mr. N. B. Kinnear, at the Natural History Museum, South Kensington, S.W. 7, and to give him their MSS., for publication in the 'Bulletin,' not later than at the Meeting.



1927. "New Birds from Indo-China (40 new races)." *Bulletin of the British Ornithologists' Club* 47, 151–170.

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